**1. import google play service (10/10/2014)**

**2. Android manifest**

- min SDK 9

- permission: Internet, Access network state

- inside <application>.........</ application>

<meta-data

android:name=*"com.google.android.gms.version"*

android:value=*"@integer/google\_play\_services\_version"* />

<!-- Activity required to show ad overlays. -->

<activity

android:name=*"com.google.android.gms.ads.AdActivity* android:configChanges=*"keyboard|keyboardHidden|orientation|screenLayout |uiMode|screenSize|smallestScreenSize"*

android:theme=*"@android:style/Theme.Translucent"* />

**3. layout XML**

\* prefix: xmlns:android=*"http://schemas.android.com/apk/res/android"*

xmlns:ads=*"http://schemas.android.com/apk/res-auto"*

<com.google.android.gms.ads.AdView

android:id=*"@+id/adView"*

android:layout\_width=*"match\_parent"*

android:layout\_height=*"wrap\_content"*

android:layout\_alignParentBottom=*"true"*

android:layout\_alignParentLeft=*"true"*

ads:adSize=*"BANNER"*

ads:adUnitId=*"@string/ad\_unit\_id"*/>

**4. Java**

- onCreate()

mAdView = (AdView) findViewById(R.id.*adView*);

mAdView.setAdListener(**new** ToastAdListener(**this**));

mAdView.loadAd(**new**

// add test device for test only, when release remove it

AdRequest.Builder().addTestDevice("1CE56329DF1A263E82746C8C097B009B").build());

**protected** **void** onPause() {

mAdView.pause();

**super**.onPause();

}

@Override

**protected** **void** onResume() {

**super**.onResume();

mAdView.resume();

}

@Override

**protected** **void** onDestroy() {

mAdView.destroy();

**super**.onDestroy();

}